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## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent of : Attn: Certificate of  
Satoshi SHIDA et al. : Correction Branch  
Patent No. 6,830,989 :  
Issued December 14, 2004 : Atty Docket 2002\_0278A  
: Confirmation No. 3633

METHOD AND APPARATUS FOR HANDLING  
ARRAYED COMPONENTS

**REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR 1.322**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

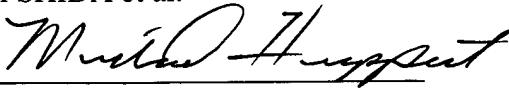
It is hereby requested that a Certificate of Correction be issued to correct mistakes in the above-identified patent and listed on the enclosed Form PTO-1050. The mistakes to be corrected was made by the Patent and Trademark Office. Accordingly, this request is submitted under the provisions of 37 C.F.R. § 1.322 and no fee is required.

This request for a Certificate of Correction is submitted to correct the title of the invention, to read "METHOD AND APPARATUS FOR HANDLING COMPONENTS" and to change "pushup" to --push-up-- on line 45 of column 45.

Accordingly, it is submitted that issuance of the enclosed Certificate of Correction is justified, warranted and proper, and such issuance is hereby requested.

Respectfully submitted,

Satoshi SHIDA et al.

By   
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March 24, 2005

To: The Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO : 6,830,989

DATED : December 14, 2004

INVENTOR(S) : Satoshi SHIDA et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**ON THE COVER PAGE**

In the title:

change "METHOD AND APPARATUS FOR HANDLING ARRAYED PART" to  
--METHOD AND APPARATUS FOR HANDLING COMPONENTS--.

**IN THE CLAIMS**

In column 36, line 45, replace "pushup" with --push-up--.